



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Wadih Arap and Renata Pasqualini

Serial No.: 10/784,537

Filed: February 23, 2004

For: AMINOPEPTIDASE A (APA)  
TARGETING PEPTIDES FOR THE  
TREATMENT OF CANCER

Group Art Unit: 1648

Examiner: Bao Q. Li

Atty. Dkt. No.: UTSC:872US

CERTIFICATE OF MAILING 37 C.F.R. 1.8	
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November 6, 2006	
Date	David L. Parker

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**MS AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(g), (h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be

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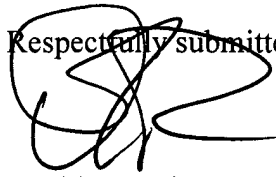
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construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

A fee as set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00 is enclosed. If an appropriate check has not been enclosed, or if it is insufficient, the Commissioner is authorized to deduct the appropriate fee from Fulbright & Jaworski Account No.: 50-1212/UTSC:872US.

Applicants respectfully request that the listed documents be made of record in the present case.


Respectfully submitted,



David L. Parker  
Reg. No. 32,165  
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

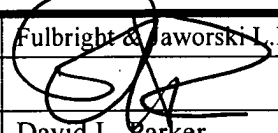
Date: November 6, 2006

 <b>TRANSMITTAL FORM</b>	<b>Application Number:</b>	10/784,537
	<b>Filing Date:</b>	February 23, 2004
	<b>First Named Inventor:</b>	Wadih Arap
	<b>Art Unit:</b>	1648
	<b>Examiner Name:</b>	Bao Q Li
Total Number of Pages in this Submission : _____		<b>Attorney Docket Number:</b> UTSC:872US

**ENCLOSURES (check all that apply)**

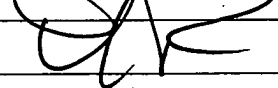
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Firm Name	Fulbright & Jaworski L.L.P.	Customer Number	32425
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Date	November 6, 2006		

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Form PTO-1449 (modified)

Atty. Docket No.

UTSC:872US

Serial No.

10/784,537

List of Patents and Publications for Applicant's

Applicant

Wadih Arap

Renata Pasqualini

Filing Date:

February 23, 2004

Group:

1648

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. Patent Documents

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Foreign Patent Documents

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Other Art

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A40	4,931,053	06/05/90	L'Esperance, Jr.	606	2	01/27/88
	A41	5,259,380	11/09/93	Mendes <i>et al.</i>	607	115	11/15/90
	A42	5,464,436	11/07/95	Smith	607	89	04/28/94
	A43	5,585,277	12/17/96	Bowie <i>et al.</i>	436	518	03/21/95
	A44	6,057,098	05/02/00	Buechler <i>et al.</i>	435	6	04/04/97
	A45	6,184,973	02/06/01	Baer <i>et al.</i>	356	36	04/10/98
	A46	6,215,550	04/10/01	Baer <i>et al.</i>	356	36	07/23/98
	A47	6,271,196	08/07/01	O'Brien	514	2	03/05/96

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Language
	B19	JP 4026631	01/29/92	Japan	Japanese (English Abstract)
	B20	WO 00/14215	03/16/00	WIPO	German (English Abstract)
	B21	WO 02/02055	01/10/02	WIPO	English
	B22	WO 02/20722	03/14/02	WIPO	English
	B23	WO 94/28424	12/08/94	WIPO	English

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C215	Alonso and Maroto, "Plants as 'chemical factories' for the production of polyunsaturated fatty acids," <i>Biotechnology Advances</i> , 18:481-497, 200.
	C216	Arap <i>et al.</i> , "Cell surface expression of the stress response chaperone GRP78 enables tumor targeting by circulating ligands," <i>Cancer Cell</i> , 6:275-284, 2004.

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DATE CONSIDERED:

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Form PTO-1449 (modified)		Atty. Docket No. UTSC:872US	Serial No. 10/784,537
List of Patents and Publications for Applicant's  INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		Applicant Wadih Arap Renata Pasqualini	
		Filing Date: February 23, 2004	Group: 1648
U.S. Patent Documents See Page 1	Foreign Patent Documents See Page 1	Other Art See Page 1-3	

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C217	De Rosa <i>et al.</i> , "Poly(lactide-co-glycolide) microspheres for the controlled release of oligonucleotide/polyethylenimine complexes," <i>J Pharm Sci</i> , 91(3):790-799, 2002.
	C218	Fairbrother <i>et al.</i> , "Novel Peptides Selected to Bind Vascular Endothelial Growth Factor Target Receptor-Binding Site," <i>Biochemistry</i> , 37:17754-17764, 1998.
	C219	Gong <i>et al.</i> , "Prostate-specific membrane antigen (PMSA)-specific monoclonal antibodies in the treatment of prostate and other cancers," <i>Cancer and Metastasis Reviews</i> , 18:483-490, 1999.
	C220	Johnson <i>et al.</i> , In: <i>Biotechnology and Pharmacy</i> , Pezzuto <i>et al.</i> eds., Chapman and Hall, NY, 1993.
	C221	Kolonin <i>et al.</i> , "Reversal of obesity by targeted ablation of adipose tissue," <i>Nature Medicine</i> , 10: 625-632, 2004.
	C222	Mintz <i>et al.</i> , "Fingerprinting the circulating repertoire of antibodies from cancer patients," <i>Nature Biotechnology</i> , 21:57-63, 2003.
	C223	Napier and Michaelson, "Genomic and Functional Characterization of Polyunsaturated Fatty Acid Biosynthesis in <i>Caenorhabditis elegans</i> ," <i>Lipids</i> , 36:761-766, 2001.
	C224	Nicklin <i>et al.</i> , "Selective targeting of gene transfer to vascular endothelial cells by use of peptides isolated by phage display," <i>Circulation</i> , 102:231-237, 2000.
	C225	Oike <i>et al.</i> , "Angiopoietin-related growth factors antagonizes obesity and insulin resistance," <i>Nature Medicine</i> , 11:400-408, 2005.
	C226	Ozata <i>et al.</i> , "Human Leptin Deficiency caused by a missense Mutation: Multiple Endocrine Defects, Decreased sympathetic tone, and immune system dysfunction indicate new targets for leptin action, greater central than peripheral resistance to the effects of leptin, and spontaneous correction of leptin-mediated defect," <i>Journal of Clinical Endocrinology and Metabolism</i> , 84:3686-3695, 1999.
	C227	Polgren <i>et al.</i> , "Identification of muscle homing sequences by using phage display libraries of peptides," <i>Tumor Biology</i> , 18:77, 1997.
	C228	Schindler, "Select, microdissect, adject." <i>Nature Biotechnology</i> , 16:719-720, 1998.

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### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C229	Wang <i>et al.</i> , "Rapid antibody responses by low-dose, single-step, dendritic cell-target immunization," <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 97:847-852, 2000.
	C230	Yao <i>et al.</i> , "Targeting pancreatic islets with phage display assisted by laser pressure catapult microdissection," <i>The American Journal of Pathology</i> , 166:625-636, 2005.

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